In [1]:
```
import numpy as np
import pandas as pd
```

In [2]:
```
import matplotlib.pyplot as plt
import seaborn as sns
```

In [3]:
```
ds = sns.load_dataset('titanic')
```

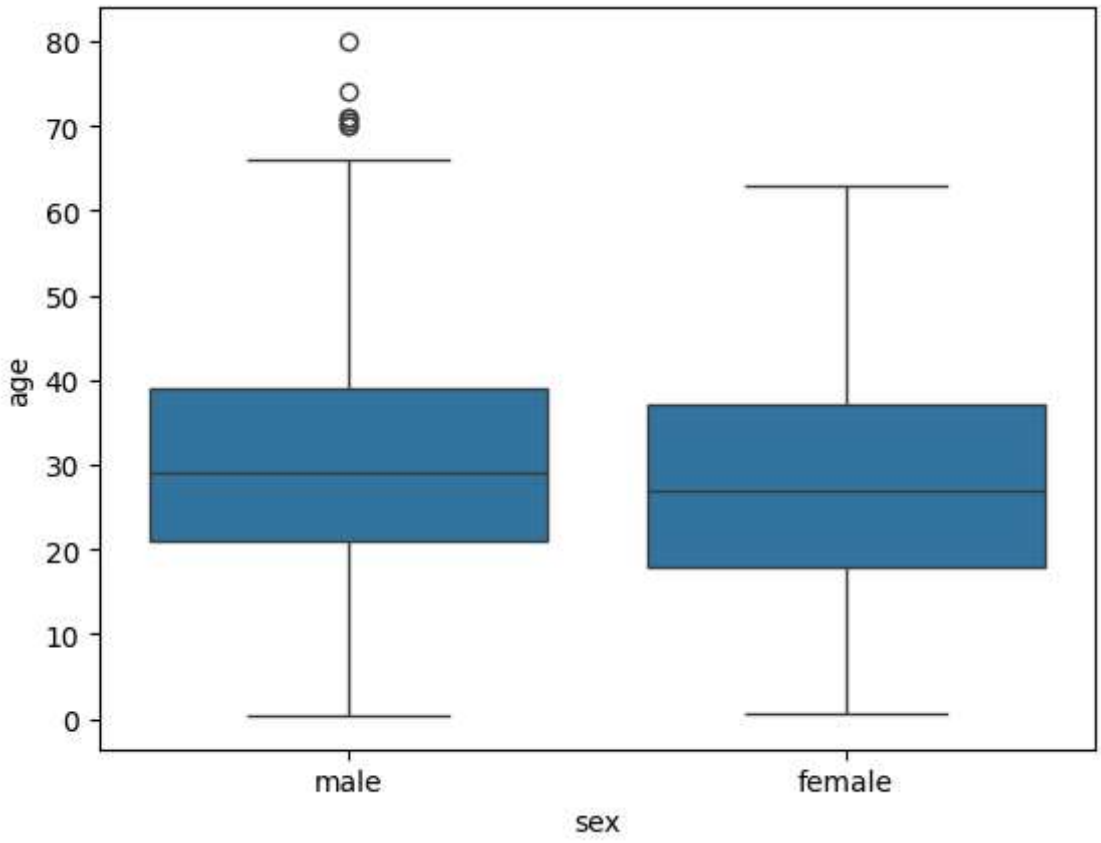
In [4]:
```
print("-----------Dataset first 5 rows-------------")
print(ds.head())
print("\n")
```

```
-----------Dataset first 5 rows-------------
   survived  pclass     sex   age  sibsp  parch     fare embarked  class
\
0         0       3    male  22.0      1      0   7.2500        S  Third
1         1       1  female  38.0      1      0  71.2833        C  First
2         1       3  female  26.0      0      0   7.9250        S  Third
3         1       1  female  35.0      1      0  53.1000        S  First
4         0       3    male  35.0      0      0   8.0500        S  Third

     who  adult_male deck  embark_town alive  alone
0    man        True  NaN  Southampton    no  False
1  woman       False    C    Cherbourg   yes  False
2  woman       False  NaN  Southampton   yes   True
3  woman       False    C  Southampton   yes  False
4    man        True  NaN  Southampton    no   True
```

In [5]:
```
print("-------Boxplot Gender vs Age---------------")
sns.boxplot(x='sex', y='age', data=ds)
plt.show()
print("\n")
```

```
-------Boxplot Gender vs Age---------------
```



The first quartile starts at around 5 and ends at 22 which means that 25% of the passengers are aged between 5 and 25.
The second quartile starts at around 23 and ends at around 32 which means that 25% of the passengers are aged between 23 and 32.
Similarly, the third quartile starts and ends between 34 and 42, hence 25% passengers are aged within this range and finally the fourth or last quartile starts at 43 and ends around 65.

In [6]:
```
print("-------------Survived Passengers---------------------")
sns.boxplot(x='sex', y='age', data=ds, hue='survived')
plt.show()
print("\n")
```

```
-------------Survived Passengers---------------------
```